

# REQUIRED ENTRY COMPONENTS

## I. Abstract

An abstract of no more than 150 words (typed, double-spaced and clearly labeled) that summarizes the proposed future technology and other relevant information must precede other entry components. The abstract should be on a separate page and does not count as part of the description.

## II. Description

Each team must prepare a written description of its project that does not exceed 11 pages. The Description may be a combination of text and artwork. It must include the following sections with headings clearly labeled and must be in the order listed below:

### A) Present Technology – 10 points

Give an overview of the present form of the technology, including scientific principles involved in its functioning.

### B) History – 10 points

Research and describe the history of the technology from its inception. Please cite your sources.

### C) Future Technology – 20 points

Describe the team's vision for what this technology will be like in 20 years, including scientific principles involved in developing the technology.

### D) Breakthroughs – 15 points

Research and describe breakthroughs that are necessary to make the future technology design a reality. Describe why this future technology doesn't exist today.

### E) Design Process – 10 points

Describe three alternative ideas of features the team considered for their project. The ideas and features should be directly related to the entry, not a list related to other entries submitted in previous years or by other participants. Describe why the team rejected each feature and idea in favor of the ones in the submitted technology.

### F) Consequences – 10 points

Describe the potential positive and negative consequences of the new technology on society.

## III. Bibliography – 5 points

All sources used in researching the chosen technology should be referenced in the Bibliography. Sources must be clearly labeled and include title, author, publisher, and copyright date. Internet sources should also be referenced. Footnotes are encouraged, but are not required. The Bibliography is not counted as part of the 11-page limit for the Description.



## IV. Simulated Web Page Graphics – 20 points

Teams must prepare five (5) simulated web page graphics. Each of the graphics must be presented on a separate photocopy of the Toshiba/NSTA ExploraVision Awards Simulated Web Page Graphics Form provided in the entry kit, on standard 8 1/2" x 11" white paper. These should relate to material presented in the written Description and illustrate the attributes of the chosen technology. The pages should relate to one another as if the team was actually designing a web site to promote their future technology. They may be hand-drawn or computer-generated and may include text, pictures, photos, and diagrams. Please remember to give proper credit in the Bibliography to any non-original artwork.

It may be helpful to view actual web sites prior to beginning work on the five simulated web page graphics. Past ExploraVision winners' web sites may be viewed at [dmail.exploravision.org](mailto:dmail.exploravision.org).

### ExploraVision Entry Rating System-100 point scale

Present Technology	10 points
History	10 points
Future Technology	20 points
Breakthroughs	15 points
Design Process	10 points
Consequences	10 points
Bibliography	5 points
Simulated Web Page Graphics	20 points